

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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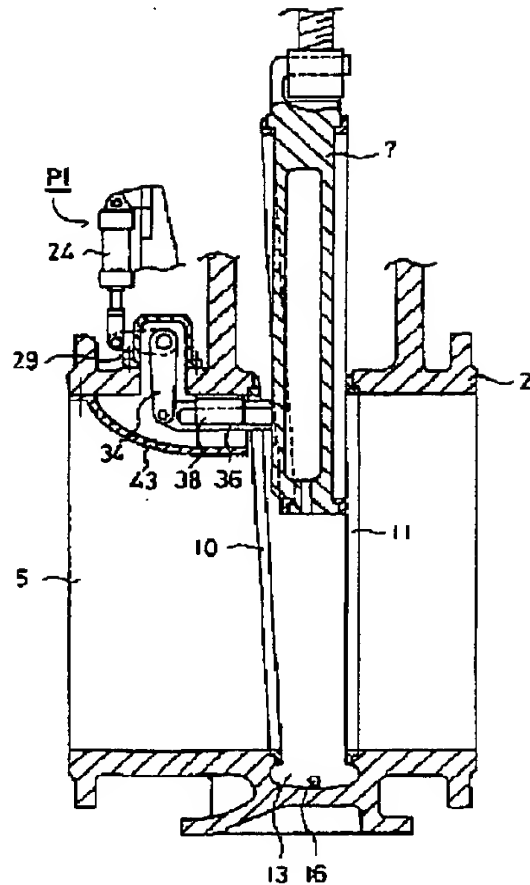
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TITLE : SLUICE VALVE



**ABSTRACT :** **PURPOSE:** To obtain a sluice valve capable of surely preventing the rattling of the sluice valve body even when the sluice valve body is in an operating state wherein it is not fully opened like half-opened and a fluid substance dashes against the sluice valve body.

**CONSTITUTION:** A sluice valve body 7 rises and falls in a direction nearly perpendicular to the passage 5 of a valve box 2 to open and close its passage 5. A valve body bracing mechanism P1 composed of a hydraulic cylinder 24, and a pressing member 36, etc., is mounted to the valve box 2. The valve body bracing mechanism P1 presses the sluice valve body 7 to stick fast and fix it to the valve seat 11 of one side provided on the valve box 2 when the valve is used in a state wherein the sluice valve body 7 is not fully opened like half-opened.

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